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MEMORANDUM FOR: Deputy Director (Research)  
SUBJECT: CORONA Mission 9052

1. The following unique features of CORONA Mission 9052 are noted for your information:

a. The first Thrust Augmented THOR (TAT) booster will be utilized for this mission.

b. The BTL guidance system will be on the booster. On all future TAT launches the BTL guidance system will be on the AGENA vehicle.

c. The ascent trajectory will require a distinct set of equations and will be used for this mission only.

d. Data will be gathered on low altitude drag conditions for future "L" and "J" missions. Perigee on this mission is 90NM. Normal "C" perigee is 113NM.

e. A low orbit experiment for the "J" program will be conducted after completion of "C" mission. Small retro rockets will be fired to reduce AGENA altitude to simulate condition of "J" AGENA after an extended period in orbit.

2. Because of the above this mission is limited to four days. In addition, there will be no holds for weather on any of the TAT boosted missions.

3. In addition to the normal CORONA target coverage of the USSR, China and the satellites additional coverage of Indonesia, Cuba, UAR and IRAQ targets have been included.

TO: DIRECTOR  
FROM: DEPT. OF DEFENSE (OP-0000)  
SUBJECT: CORONA MISSION  
RE: CORONA MISSION  
DATE: 12/12/63  
BY: [Signature]

for JACK C. LEDFORD  
Colonel USAF  
Assistant Director  
(Special Activities)

1. [Signature]  
2. [Signature]  
3. [Signature]

SECRET

OSA/OD/[ ]fc (12 Feb 63)

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